

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yasushi Ayaki : Art Unit:  
Serial No.: To be Assigned : Examiner:  
Filed: Herewith :  
FOR: RECORDING AND REPRODUCTION :  
APPARATUS, MEDIUM AND :  
INFORMATION ASSEMBLY

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R :

Please amend the above-identified application as follows:

**SPECIFICATION:**

Please replace the paragraph beginning at page 4, second line from the bottom, with the following:

One aspect of the present invention is a recording and reproduction apparatus comprising:

Please replace the paragraph beginning at page 5, line 15, with the following:

Another aspect of the present invention is a recording and reproduction apparatus characterized in that said main data are AV data.

Please replace the paragraph beginning at page 5, line 18, with the following:

Still another aspect of the present invention is a recording and reproduction apparatus characterized in that said main data are AV data and data added to the AV data.

Please replace the paragraph beginning at page 5, line 22, with the following:

Yet another aspect of the present invention is a recording and reproduction apparatus characterized in that the types of said commands are either raw access commands or non-raw access commands and said authentication means judges that authentication should be performed in the case that the types of said received commands are raw access commands and that authentication is not necessary in the case that the types of said received commands are non-raw access commands.

Please replace the paragraph beginning at page 6, line 6, with the following:

Still yet another aspect of the present invention is a recording and reproduction apparatus according to 4th invention, characterized in that:

Please replace the paragraph beginning at page 6, line 19, with the following:

A further aspect of the present invention is a recording and reproduction apparatus according to any of 1st to 3rd inventions, characterized in that:

Please replace the paragraph beginning at page 7, line 7, with the following:

A still further aspect of the present invention is a recording and reproduction apparatus according to any of 1st to 3rd inventions, characterized in that:

Please replace the paragraph beginning at page 7, line 22, with the following:

A yet further aspect of the present invention is a medium which carries a program and/or data for implementing, by a computer, all of, or a part of, the functions of all of, or a part of, the means of a recording and reproduction apparatus and which is characterized by being able to be processed by a computer.

Please replace the paragraph beginning at page 8, line 3, with the following:

A still yet further aspect of the present invention is an information assembly characterized by being a program and/or data for implementing, by a computer, all of, or a part of, the functions of all of, or a part of, the means of a recording and reproduction apparatus.

#### CLAIMS:

Please replace claim 8 with the following amended claim:

- 1           8. (Amended) A medium which carries a program and/or data for
- 2     implementing, by a computer, all of, or a part of, the functions of all of, or a part
- 3     of, the means of a recording and reproduction apparatus according to any of
- 4     Claims 1 to 3 and which is characterized by being able to be processed by a
- 5     computer.

Please replace claim 9 with the following amended claim:

- 1           9. (Amended) An information assembly characterized by being a
- 2     program and/or data for implementing, by a computer, all of, or a part of, the

- 3 functions of all of, or a part of, the means of a recording and reproduction  
4 apparatus according to any of Claims 1 to 3.

Respectfully Submitted,

  
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AR/dlm  
Enclosure: Version with Markings to Show Changes Made

Dated: June 26, 2001

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D.C. 20231.

  
Kathleen Libby

## VERSION WITH MARKINGS TO SHOW CHANGES MADE

SPECIFICATION:

Specification at page 4, second line from the bottom:

~~The 1st invention~~ One aspect of the present invention is a recording and reproduction apparatus comprising:

Specification at page 5, line 15:

~~The 2nd invention~~ Another aspect of the present invention is a recording and reproduction apparatus ~~according to 1st invention~~, characterized in that said main data are AV data.

Specification at page 5, line 18:

~~The 3rd invention~~ Still another aspect of the present invention is a recording and reproduction apparatus ~~according to 1st invention~~, characterized in that said main data are AV data and data added to the AV data.

Specification at page 5, line 22:

~~The 4th invention~~ Yet another aspect of the present invention is a recording and reproduction apparatus ~~according to any of 1st to 3rd inventions~~, characterized in that the types of said commands are either raw access commands or non-raw access commands and said authentication means judges that authentication should be performed in the case that the types of said received commands are raw access commands and that authentication is not necessary in the case that the types of said received commands are non-raw access commands.

Specification at page 6, line 6:

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~~The 5th invention~~ Still yet another aspect of the present invention is a recording and reproduction apparatus according to 4th invention, characterized in that:

Specification at page 6, line 19:

~~The 6th invention~~ A further aspect of the present invention is a recording and reproduction apparatus according to any of 1st to 3rd inventions, characterized in that:

Specification at page 7, line 7:

~~The 7th invention~~ A still further aspect of the present invention is a recording and reproduction apparatus according to any of 1st to 3rd inventions, characterized in that:

Specification at page 7, line 22:

~~The 8th invention~~ A yet further aspect of the present invention is a medium which carries a program and/or data for implementing, by a computer, all of, or a part of, the functions of all of, or a part of, the means of a recording and reproduction apparatus ~~according to any of 1st to 7th inventions~~ and which is characterized by being able to be processed by a computer.

Specification at page 8, line 3:

~~The 9th invention~~ A still yet further aspect of the present invention is an information assembly characterized by being a program and/or data for implementing, by a computer, all of, or a part of, the functions of all of, or a part of, the means of a recording and reproduction apparatus ~~according to any of 1st to 7th inventions~~.

CLAIMS:

1           8. (Amended) A medium which carries a program and/or data for  
2 implementing, by a computer, all of, or a part of, the functions of all of, or a part  
3 of, the means of a recording and reproduction apparatus according to any of  
4 Claims 1 to ~~7~~3 and which is characterized by being able to be processed by a  
5 computer.

1           9. (Amended) An information assembly characterized by being a  
2 program and/or data for implementing, by a computer, all of, or a part of, the  
3 functions of all of, or a part of, the means of a recording and reproduction  
4 apparatus according to any of Claims 1 to ~~7~~3.

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